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A NEW SPECIES OF ISCHAEMUM FROM SULAWESI

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ABSTRACT

LASUT, MARTHEN T. 2006. A new species of *Ischaemum* from Sulawesi. *Reinwardtia* 12(3): 257–259. — A new species of *Ischaemum veldkampii* Lasut *sp. nov.* is described.

Keywords: *Ischaemum veldkampii*, *Gramineae*, Sulawesi.

ABSTRAK

LASUT, MARTHEN T. 2006. Satu jenis baru *Ischaemum* dari Sulawesi. *Reinwardtia* 12(3): 257–259. — Telah dipertelakan satu jenis baru *Ischaemum veldkampii* Lasut *sp. nov.*

Kata kunci: *Ischaemum veldkampii*, *Gramineae*, Sulawesi.

INTRODUCTION

During field trips in the Lompobatang mountains of South Sulawesi, a species of *Ischaemum* was collected by the author. This collection is very similar to *I. celebicum* Jansen, which has been found in the same area, but differs by its slender habit, triangular shape of the ligule, pedicelled spikelet not mucronate, and lower glume not winged at all.

***Ischaemum veldkampii* Lasut, *sp. nov.* – Fig. 1.**

Ab omnibus congeneribus malesianis habitu perenni, culmis gracilibus erectis circa 0.9 m altis, nodis glabris, laminis angustis, racemis 2, spiculis lanceolatis c. 7 mm longis (incl. callo), racemi articulis satis gracilibus apice albe barbato, poris plus minusve linearibus, spicularum sessilium glumis inferioribus glabris nitidis viridescentibus ad lutescentibus laevibus sine rugis vel nodulis, parte basali convexa induratis, parte superiore planis distincte nervatis distaliter sine auriculis differt. – Type: *Lasut 994* (L, holotype; BO), S. Celebes, Mt. Lompobatang, 26 June 2005.

Perennials. Culms tufted, erect, c. 0.9 m tall. Nodes glabrous. Sheaths moderately pilose. Ligules triangular, c. 4 mm high, membranous, with bulbous-based hairs on both sides. Blades

linear, c. 25 cm by 6 mm, gradually narrowed into the base, pseudo-petiole absent. Inflorescence base still included in the sheath when mature (see note). Racemes 2, slender, c. 4.5 cm long. Joints longer than pedicel, rather slender, c. 5.5 mm long, about as long as the spikelet, edges white pilose on three sides, hairs c. 2 mm long, apex with a pilose rim. Pore elongated with parallel margins. Sessile spikelets c. 7 mm long (incl. callus), callus at base with a pilose ring, body glabrous. Lower glume smooth, indurated in the lower part, greenish to yellowish, keels narrowly inflexed over their entire lengths, apex not auricled, dorsally more or less flat to convex, smooth all over, nerves c. 21, reticulate at least in the upper part. Upper glume with a mucro c. 1 mm long; keel slightly serrulate, gradually curved (no hump). Awns geniculate, long-exserted, c. 13 mm long (*i.s.*), with a twisted column. Pedicelled spikelets 2-flowered, male, c. 5.5 mm long, muticous. Lower glume keels scaberrulous, nerves reticulate c. 12 at least in the upper part, apex muticous.

DISTRIBUTION. Only known from the type collection.

HABITAT. Banks of small river in forest, secondary forest, c. 1790 m alt.



Fig. 1. *Ischaemum veldkampii* Lasut. Lower left: pair of spikelets. Centre: habit. Lower right: part of culm, sheath, ligule, and blade. Middle right: sessile spikelet and opened sessile spikelet with twisted awn. Upper right: pedicel spikelet and opened pedicel spikelet. (Based on Lasut 994 BO).

NOTES. Most similar to *I. celebicum* Jansen, which has been found in the same area, but the present taxon seems to differ by its slender habit, triangular shape of the ligule, the very narrow leaf blades, the more slender joints and pedicels, the joints longer than the pedicels, the upper and the lower glume of both the sessile and the pedicelled spikelets reticulate nerved, with *c.* 21 against 7 nerves in the upper part of the lower glume and *c.* 11 against 3 in the upper part of the upper glume of the sessile spikelet, pedicelled spikelet not mucronate, lower glume not winged at all.

Flowering inflorescences in the holotype specimen were still partly sheathed by the flag leaf. Possibly, at a more mature stage they will become fully exerted as is usual in *Ischaemum*.

ETYMOLOGY. Named for Dr. J. F. Veldkamp,

National Herbarium of The Netherlands, Leiden branch.

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REFERENCE

- JANSEN, P. 1953. Notes on Malaysian grasses – 1. *Reinwardtia* 2 (2): 296-297.

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